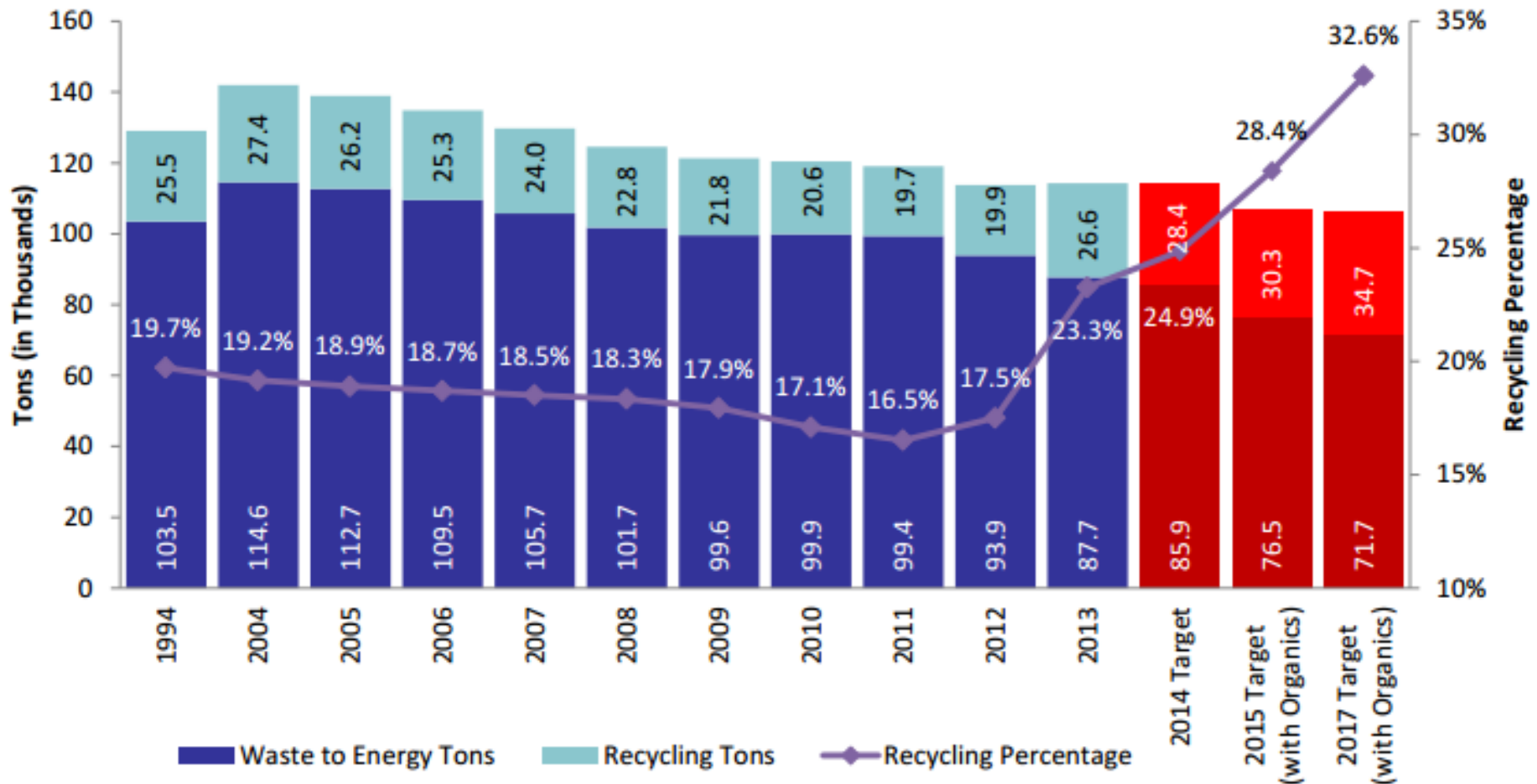


One-Sort Recycling: A year in review

David Herberholz
Transportation & Public Works Committee, October 21, 2014

Waste & Recycling History

Historic Tons of Recycling and Waste to Energy



Timeline

- ▶ 2012 City-wide one-sort roll-out began in November (1/3 of City received carts)
- ▶ 2013 Roll-out resumed in April and completed mid-June
- ▶ 2014 First full year city-wide one-sort

Resident Feedback:

“It's so easy...love it! Glad to be done with sorting into paper bags. No more asking for paper at the grocery store; I can just use my reusable bags.”

“Absolutely love it!! I swear I'm recycling at least twice as much as I used to - Thank you!”



Expectations

WHAT CAN MINNEAPOLIS EXPECT

Variable	New Minneapolis Recycling Program	1 st year Actual
Collections	Increase citywide recycling weight by minimum 30% to 60%	25% increase
Average Commodity Prices	Similar to current program commodity prices (Market Based)	Market Based
Processing Costs	Estimate \$60 to \$80 per ton.	\$49/ton in 2014
Residual Rates	2.5% to 4%	< 5%
Avoided Tipping Fees	Saves the city \$47/ton	\$49/ton in 2014
Operational Costs	Single Sort Most Efficient.	Operations Simplified Local Markets Utilized for Processing

Operational Improvements

▶ SW&R Consistent Collection Vehicles

- ▶ Simplified purchases
- ▶ Reduced spare Parts Needed
- ▶ Reduced number of spare trucks
- ▶ Increased available storage space at Pacific facility



▶ Reduced number of Routes by half

- ▶ Multi-sort = 24 routes; One-Sort = 12 routes



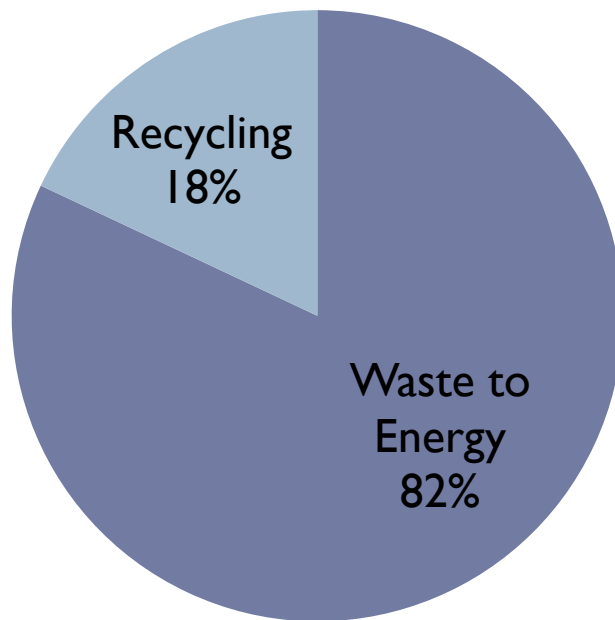
Operational Improvements (cont.)

- ▶ Reduced workman's compensation claims
 - ▶ 2013 - total claims expense reduced by over 62% compared to prior 2012
 - ▶ 2012 - 33% of injuries were recycling related
 - ▶ 2014 - YTD 12% of injuries are recycling related



Switch to One-Sort Results

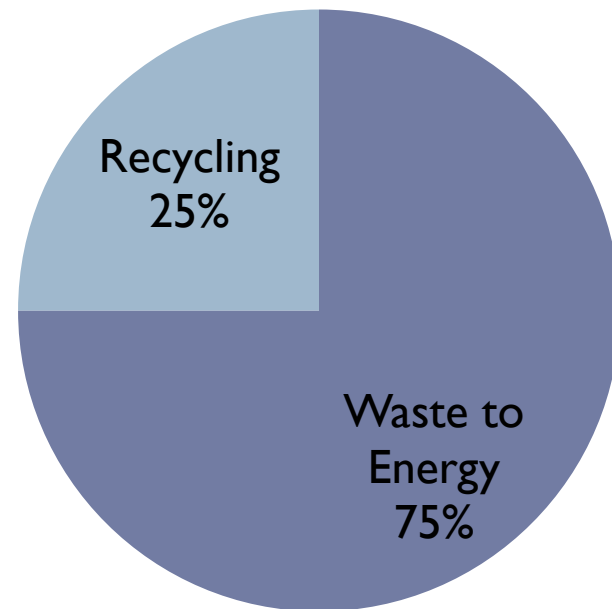
July 2009 – June 2010
(citywide multi-sort)



Recycling Tonnage: 22,350 Tons

Waste to Energy: 99,374 Tons

July 2013 – June 2014
(citywide one-sort)



Recycling Tonnage: 28,784 Tons
29% Increase

Waste to Energy: 85,863 Tons
16% Decrease

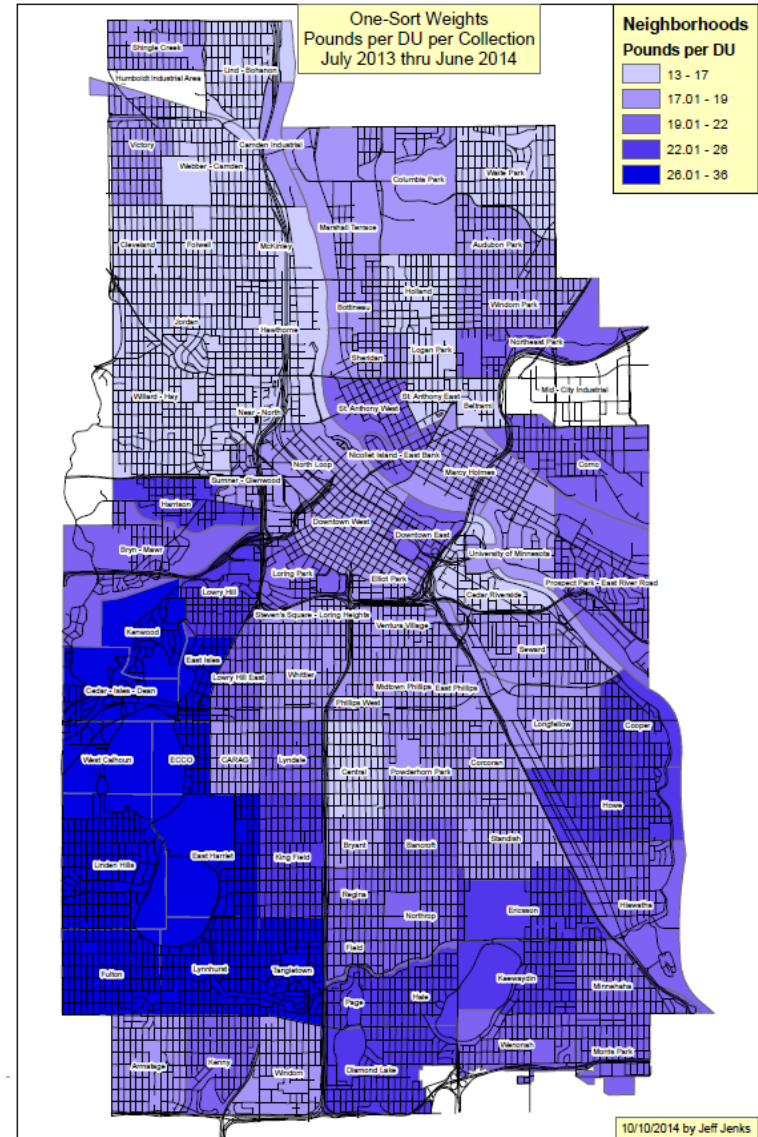
Participation

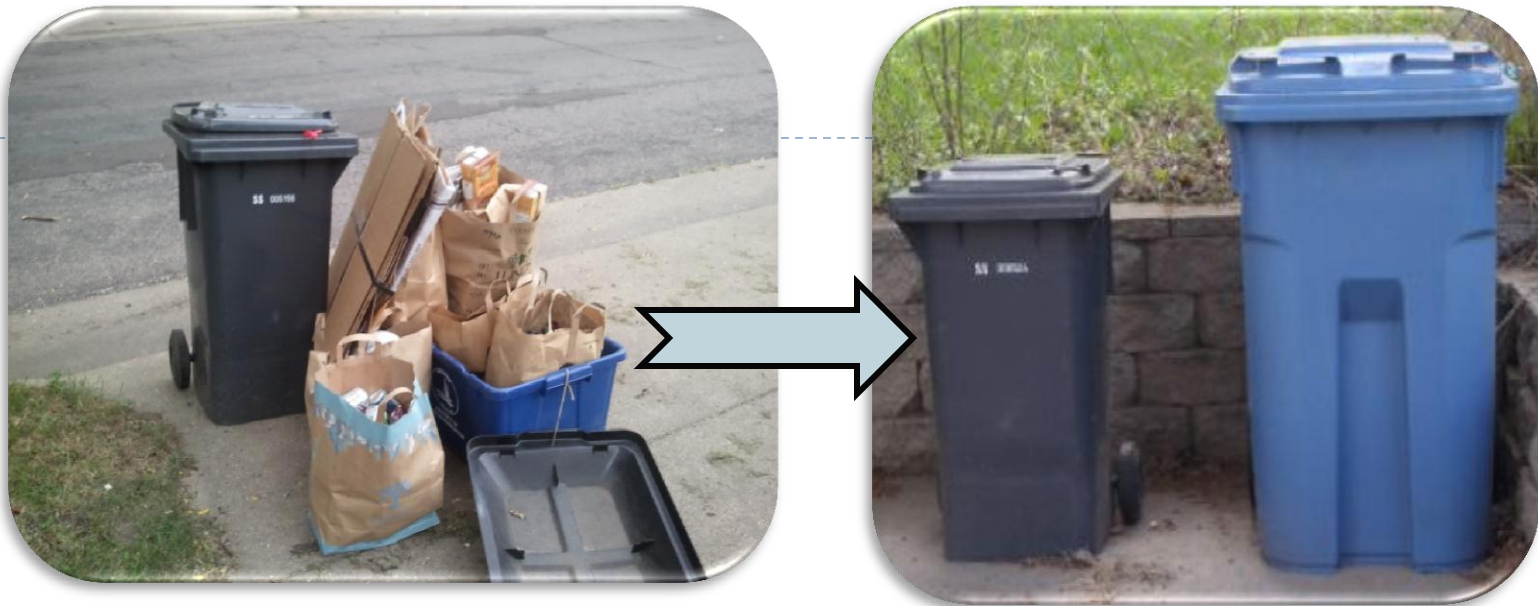
- ▶ 94-gallon carts 99% of customers
 - ▶ 64-gallon carts <1% of customers
-
- ▶ 879 households have more than one recycling cart per dwelling unit



Targeted One-Sort Education

- ▶ Target opportunity areas using participation data
- ▶ Meet with neighborhood and community groups to determine the best educational method for different neighborhoods and underrepresented populations
- ▶ Continue to attend events and provide presentations upon request





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Questions?

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